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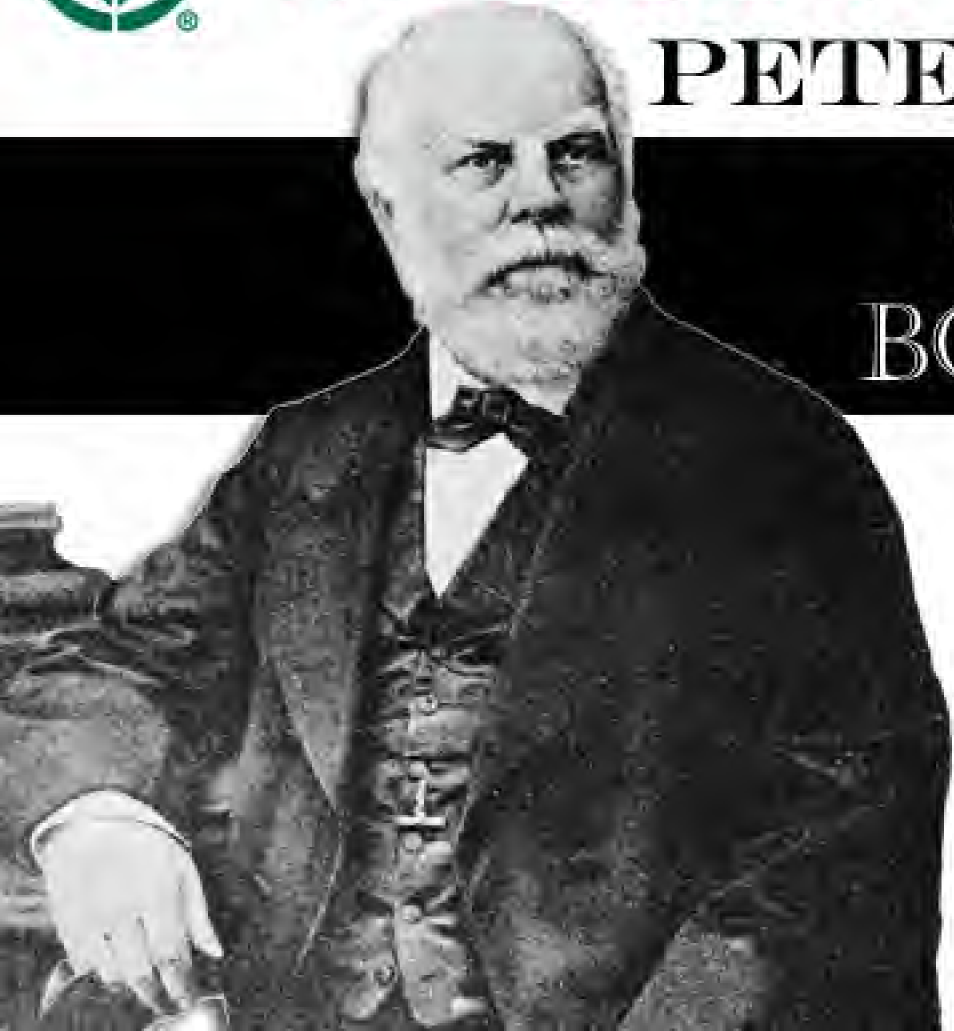
GEORGE ENGELMANN BOTANICAL NOTEBOOKS



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Libocedrus

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RILEY.—Supplementary Notes on *Pronuba Yuccasella*, 178–180
GAGE.—On the Occurrence of Iron Ores in Missouri, 181–192

Journal of Proceedings, - - - - - - i–xcviii
Publications received in exchange.
" donated.

GEORGE ENGELMANN PAPERS

Libocedrus wood – from Cuiamac –
Mountains – back of Julian;
certainly with Pine-like bark!
E. Palmer

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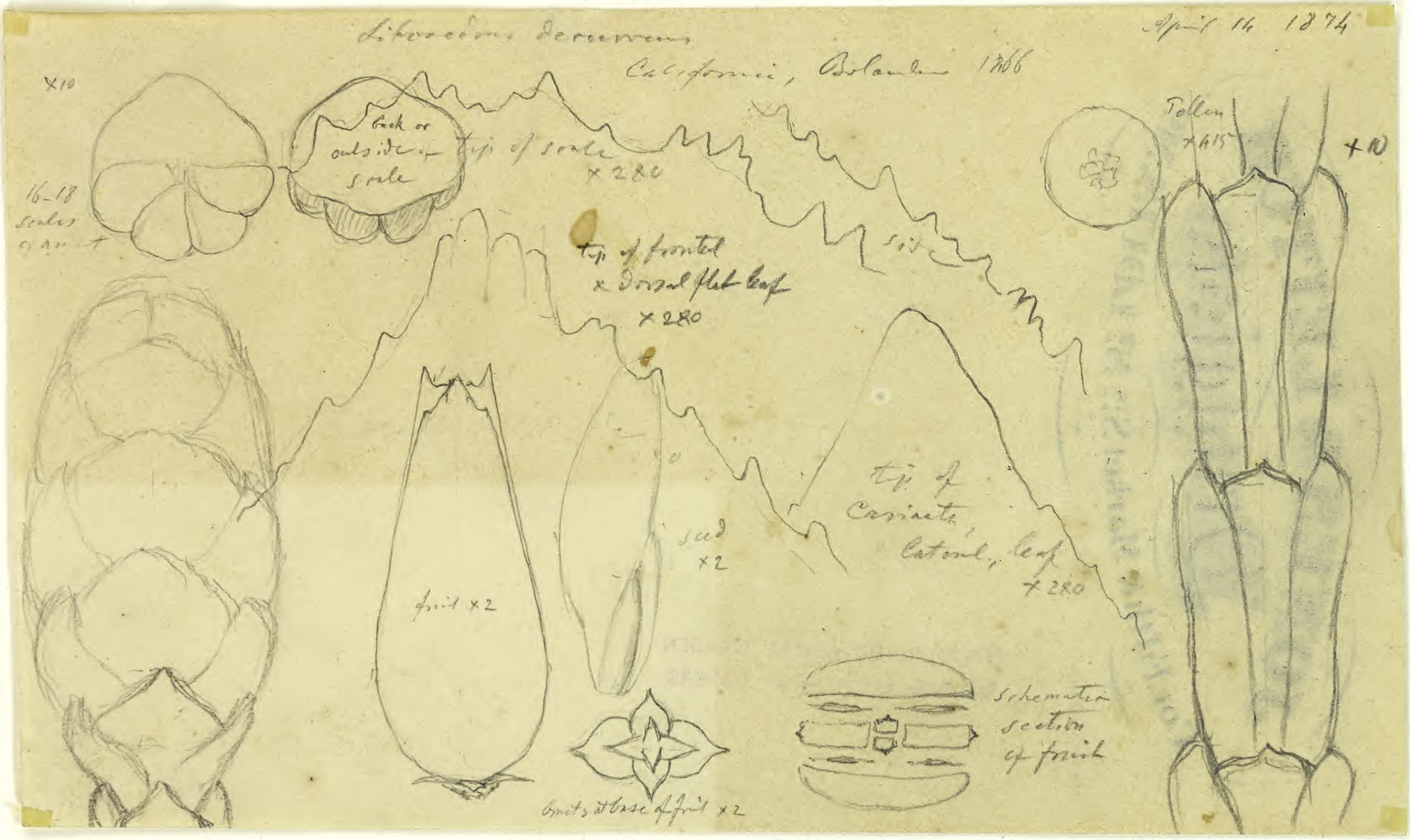

Libocedrus decurrens

California, Bolander 1866

April 14 1874

x10
16-18 scales of ament
back or outside of scale
tip of scale x 280
tip of frontal x Dorsal flat leaf x 280
side
Pollen x415
x10
fruit x2
seed x2
tip of Carinate, lateral, leaf x 280
Bracts at base of fruit x 2
Schematic section of fruit

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JONES & LEITCH

Druggists

Cor. Fifth & Market Sts. St. LOUIS, Mo.

J. McKittrick & Co 36 N. Main St.

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Libocedrus decurrens   April 16 1874

acuminate cuspidate
about 4 pairs acute bracts at base of fruit, inner
ones broadest, largest.

exterior pair of fruit scales fertile 2 seeded,
or 1 seeded or seeds abortive but distinct

2d and 3d pair of scales forming the dissepiment
3d very imperfect, forming the inner part of
dissepiment, but distinguished by the cusps
alternating with those of the 2d pair

seeds 2 winged, one wing shorter than the other, both
confluent; abortive seeds (ovules) regularly
2 winged & expanded

wings 2/3 or 1/2 the length of the seeds - seeds ~~lateral~~
side by side but wings covering one another, each one
of the width of the scale

STODDARD PHARMACY.
N. W. Corner Easton and Garrison Ave's.
POOLE & CO.

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Oregon 1853 now 16–18 feet high

Libocedrus decurrens was distributed by the Association as Thuja Craigiana

Thuja gigantea seeds were also first sent home by Jeffrey now 20 feet high

Seeds ~~of~~ same have since been sent home as Th. Lobbii, T. Menziesii

T. Craigiana – A variety? came up from Jeffrey's seeds and is now

cultivated as Th. Craigiana; now 15 feet high. James McNabb in Gard. Chron April 6 1872

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Libocedrus decurrens a small colony on both sides of Rancherie Creek (Confluent of Navarro River, north of San Francisco) among dense woods of Redwood, — To me a new sight — to see this tree among the coast range. Largest trees 2–3 feet diam. 50–60 feet high — Nearly in flower at the end of September

Bolander in litt

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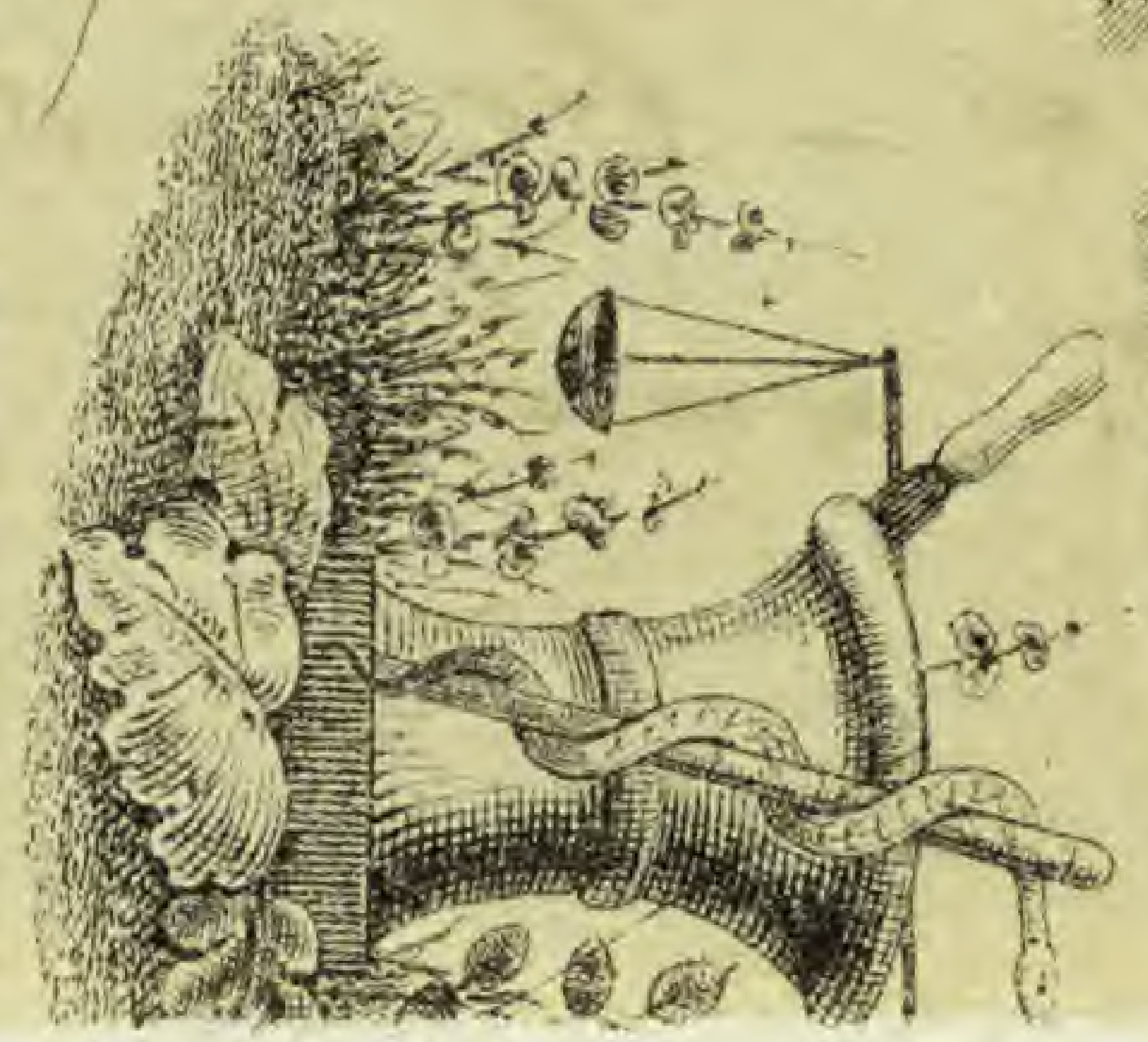
EDWIN R. S
Apothecaries &
S.W. CORNER OF TWEL
ST. LO



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Libocedrus decurrens
California

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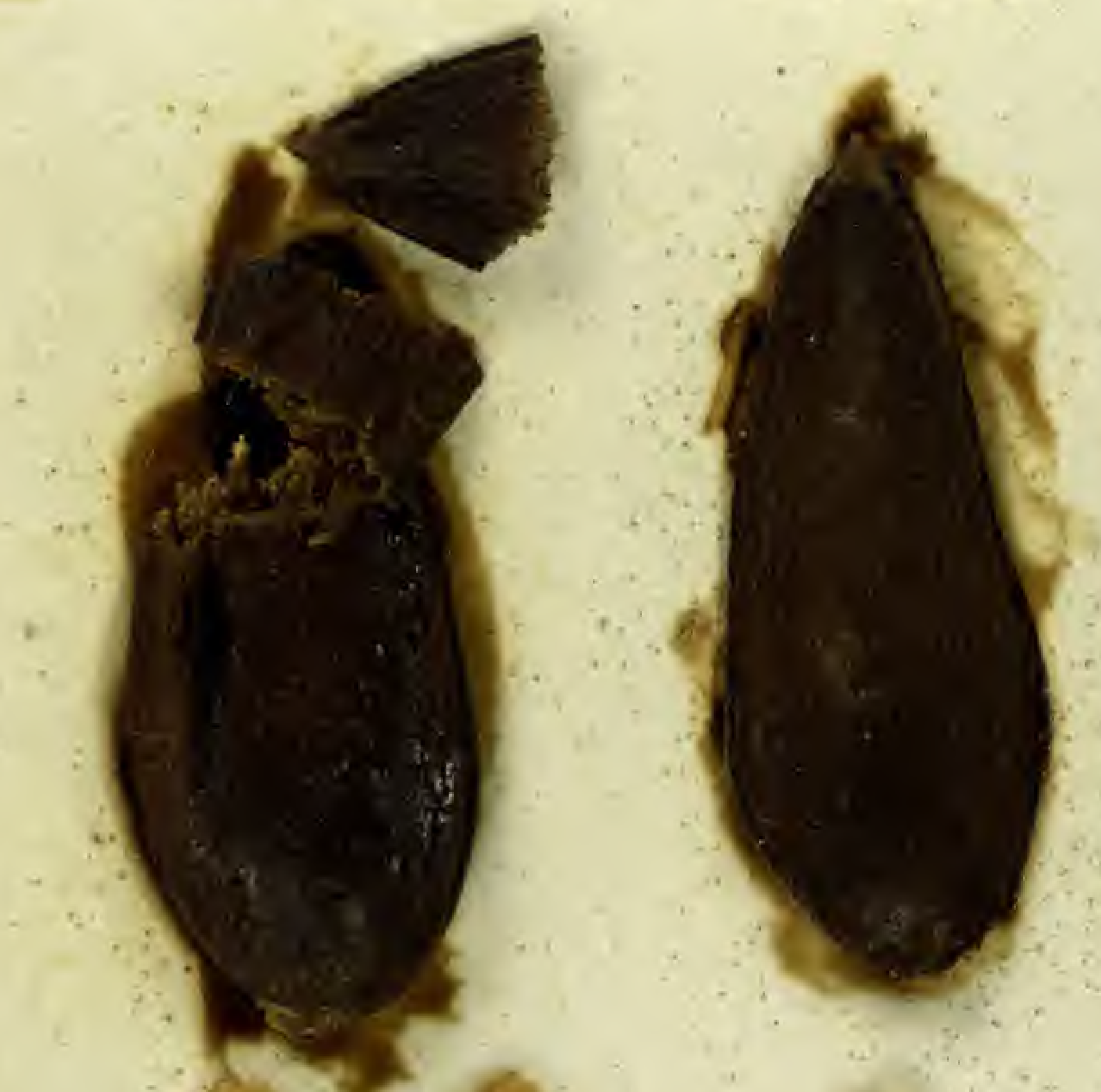
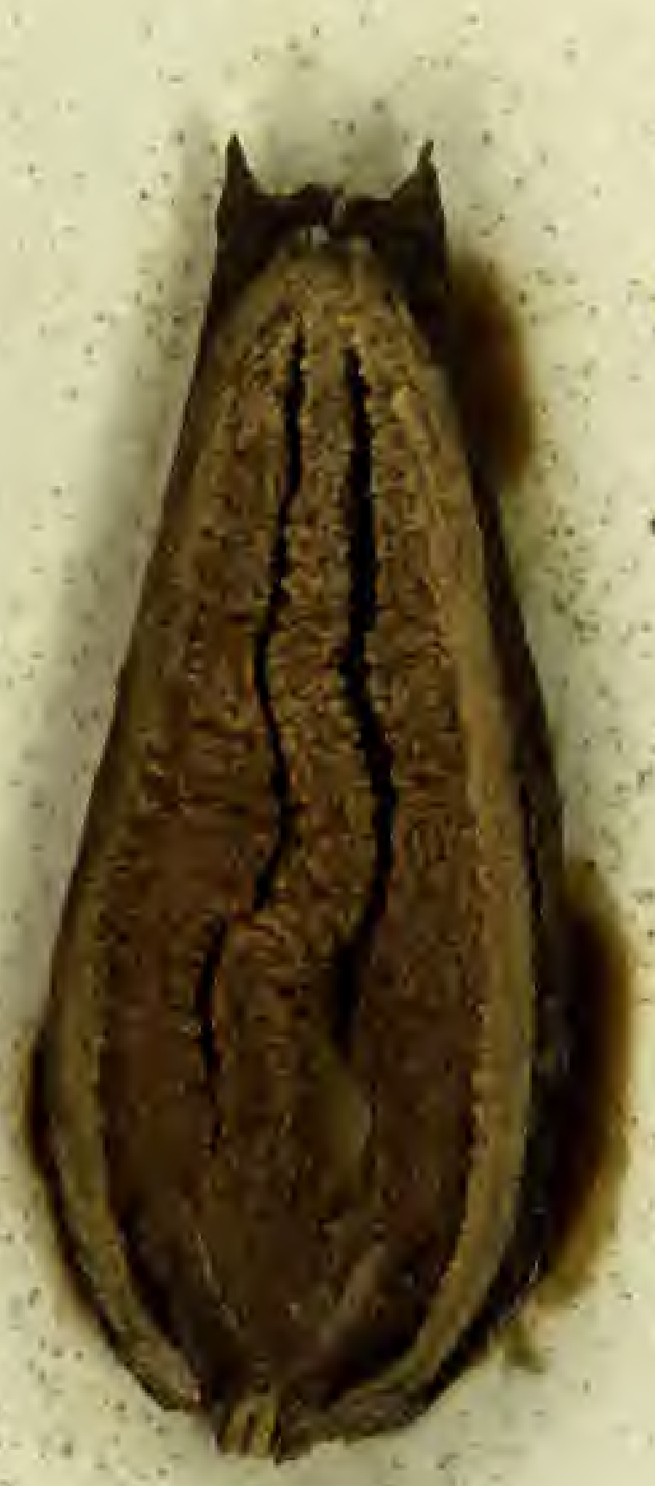
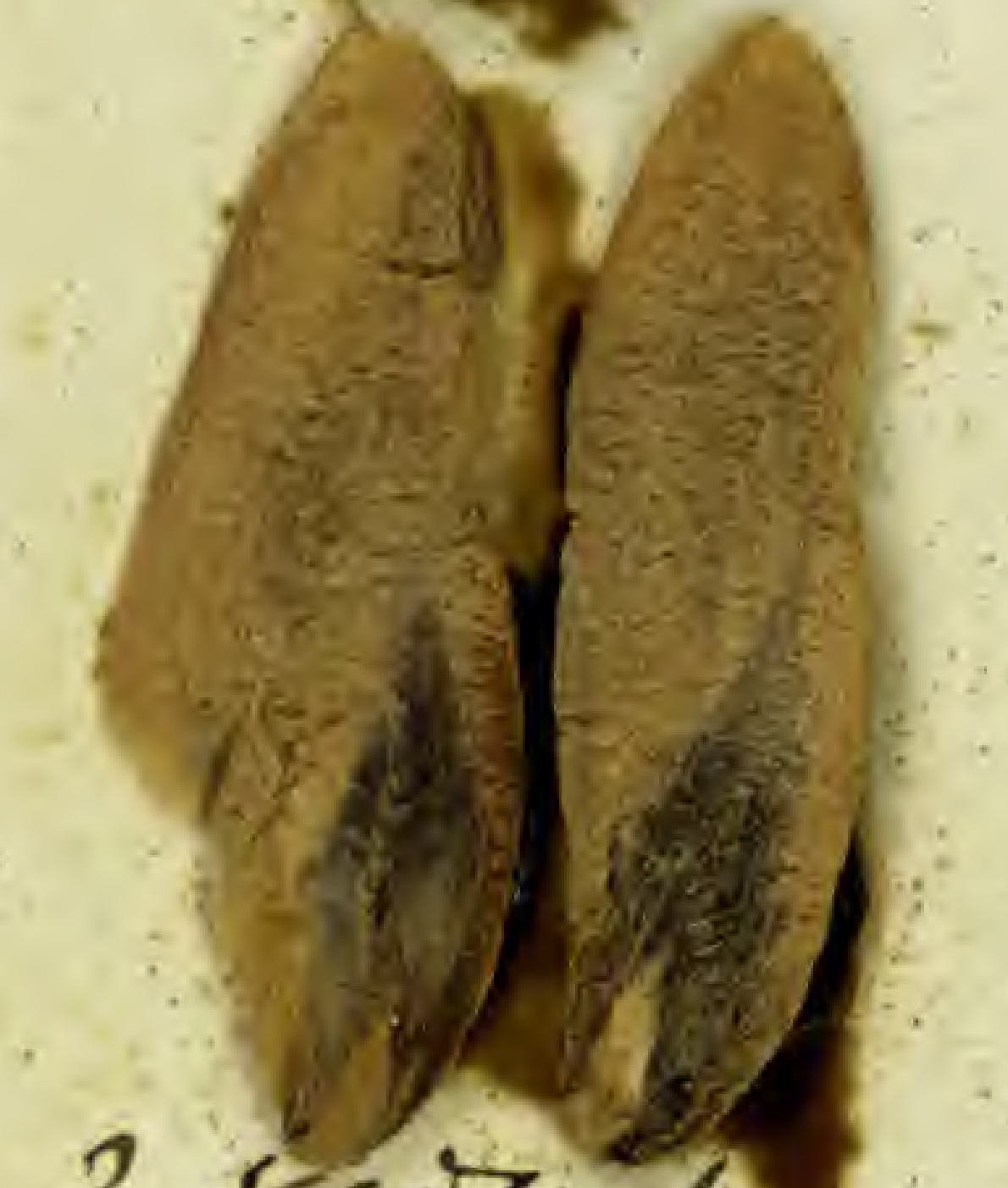
exterior scales

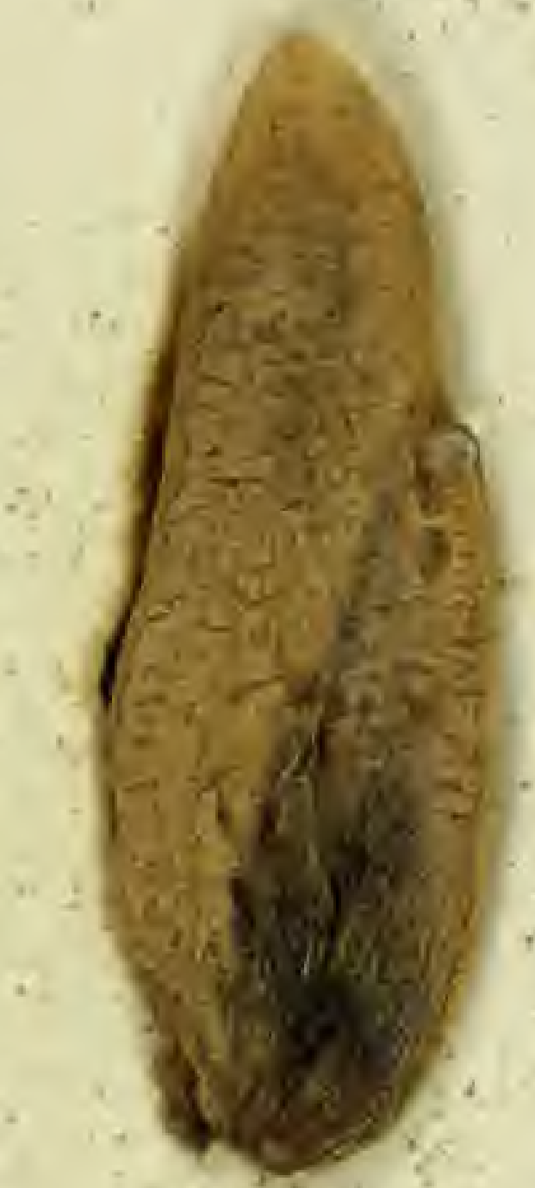




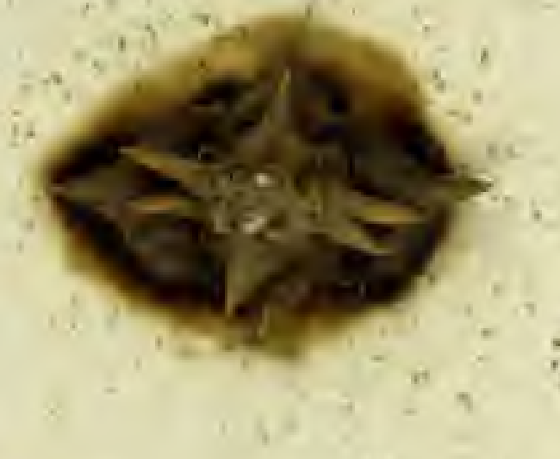
2 pair of interior scales, forming a dissepiment



2 seeds of one scale

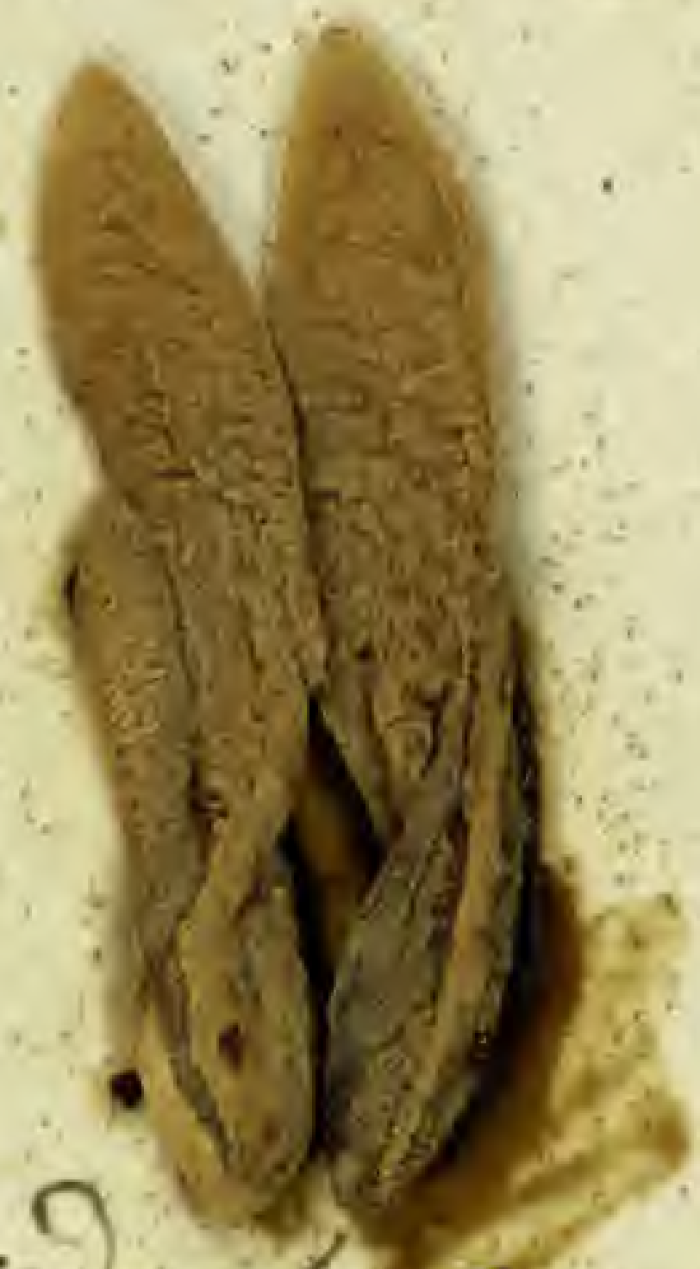


single seed



basal bracts of fruit

rudimentary seeds at the base of the other scale



2 seeds of another fruit in one scale

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1729-34

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